

**City of Wilmington Pedestrian Safety Study: Improvement Matrix**

#	Location	Recommendation	Responsibility	Status
1	Corridor Wide	Conduct targeted outreach to both pedestrians and drivers within the City of Wilmington to educate both user groups on safe driving/pedestrian practices	Delaware Office of Highway Safety	
2	Corridor Wide	Develop pedestrian safety messaging campaigns using City social media accounts and the WITN television network	Delaware Office of Highway Safety  City of Wilmington	
3	Corridor Wide	Develop a local road safety plan and adopt a city-specific Vision Zero strategy.	City of Wilmington	
4	Corridor Wide	Develop standard design practices that prioritize pedestrian movements at signalized and unsignalized intersections	DelDOT/City of Wilmington	
<b>Fourth Street Corridor: Ogle Avenue to Christina River</b>				
5	Ogle Avenue	Install ALL WAY plaques (R1-3P) below existing stop signs on all legs		
6	Cleveland Avenue	Install ALL WAY plaques (R1-3P) below existing stop signs on all legs		
7	Greenhill Avenue	Stripe crosswalk and install missing pedestrian signals on North, East, and West legs		
8		Upgrade existing missing pedestrian signal heads to countdown displays		
9		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBR and WBL		
10		Consider bumpouts to reduce crosswalk lengths on SW corner		
11	Woodlawn Avenue	Stripe crosswalk at unsignalized intersection on South leg		
12	Bayard Avenue	Refresh faded crosswalks on the East and West legs		
13		Install missing pedestrian signals for East leg pedestrian crossing		
14		Upgrade existing missing pedestrian signal heads to countdown displays		
15		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and NBR		
16		Consider bumpouts to reduce crosswalk lengths on all corners		
17	Union Street	Upgrade existing missing pedestrian signal heads to countdown displays		
18		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBL, SBR, and WBL		
19		Consider bumpouts to reduce crosswalk lengths on SE and SW corners		
20	Lincoln Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
21		Consider bumpouts to reduce crosswalk lengths on SE and SW corners		
22	Scott Street	Install missing pedestrian signals for North and South leg pedestrian crossings		
23		Upgrade existing missing pedestrian signal heads to countdown displays		
24		Consider lighting improvements at deficient locations on South leg		
25		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
26		Consider bumpouts to reduce crosswalk lengths on all corners		
27	Dupont Street	Install missing pedestrian signals for North and South leg pedestrian crossings		
28		Upgrade existing missing pedestrian signal heads to countdown displays		
29		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
30		Consider bumpouts to reduce crosswalk lengths on all corners		
31	Clayton Street	Upgrade existing missing pedestrian signal heads to countdown displays		
32		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and NBR		
33		Consider bumpouts to reduce crosswalk lengths on all corners		

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#	Location	Recommendation	Responsibility	Status
34	Rodney Street	Upgrade existing missing pedestrian signal heads to countdown displays		
35		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
36		Consider bumpouts to reduce crosswalk lengths on all corners		
37	Broom Street	Install missing pedestrian signals for North and South leg pedestrian crossings		
38		Upgrade existing missing pedestrian signal heads to countdown displays		
39		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
40		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	In Design as part of T202306103 - Pavement and Rehabilitation North III, City of Wilmington, Broom Street, 2023, Construction TBD
41	Franklin Street	Install missing pedestrian signals for North and South leg pedestrian crossings		
42		Upgrade existing missing pedestrian signal heads to countdown displays		
43		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
44		Consider bumpouts to reduce crosswalk lengths on all corners		
45	Harrison Street	Upgrade existing missing pedestrian signal heads to countdown displays		
46		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
47	Van Buren Street	Upgrade existing missing pedestrian signal heads to countdown displays		
48		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
49	Jackson Street	Upgrade existing missing pedestrian signal heads to countdown displays		
50		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBR, SBR, and WBL		
51	Adams Street	Adjust signal setting to prevent countdowns from starting early on North and South legs crossing Adams Street	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
52		Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
53		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
54		Consider bumpouts to reduce crosswalk lengths on NE and SE corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
55	Monroe Street	Install missing pedestrian signals for North and South leg pedestrian crossings	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
56		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
57		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
58	Madison Street	Install missing pedestrian signals for North and South leg pedestrian crossings	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
59		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
60		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
61	Jefferson Street	Install missing pedestrian signals for North and South leg pedestrian crossings	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
62		Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
63		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and NBR	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
64		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
65	Washington Street	Install missing pedestrian signals for North and South leg pedestrian crossings	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
66		Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
67		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
68		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026

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#	Location	Recommendation	Responsibility	Status
69	West Street	Install missing pedestrian signals for North and South leg pedestrian crossings	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
70		Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
71		Consider lighting improvements at deficient locations on North and South legs	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
72		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
73		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
74	Tatnall Street	A new traffic signal will be installed as part of T202001103 <i>Not considered by pedestrian safety study, included in matrix for tracking purposes</i>	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
75	Orange Street	Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
76		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
77		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
78	Shipley Street	Upgrade existing missing pedestrian signal heads to countdown displays	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
79		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
80		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
81	Poplar Street	Install missing pedestrian signals for North leg pedestrian crossing		
82		Upgrade existing missing pedestrian signal heads to countdown displays		
83		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBL, SBL, and WBR		
84	Lombard Street	Upgrade existing missing pedestrian signal heads to countdown displays		
85		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBR, SBL, and WBL		
86	Spruce Street	Refresh faded crosswalk on North leg		
87		Upgrade existing missing pedestrian signal heads to countdown displays		
88	Church Street	Repair broken and slanted missing pedestrian signal pole on NE corner		
89		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBL and WBR		

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#	Location	Recommendation	Responsibility	Status
N. Market Street: 18th Street to 31st Street				
90	Entire Corridor	Consider installation of pedestrian barrier system to minimize frequency of midblock crossings		
91	18th Street	Install missing missing pedestrian signals on East and West legs		
92		Consider lighting improvements at crosswalk on East leg		
93		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR and SBR		
94		Consider curb ramp construction to allow additional crosswalks where there is not one on the North and South legs		
95	19th Street	Install missing missing pedestrian signals on East and West legs		
96		Upgrade existing ped heads to countdowns		
97		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
98	20th Street	Upgrade existing ped heads to countdowns		
99		Confirm the traffic signal is working properly		
100		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and SBR		
101		Consider curb ramp construction to allow additional crosswalks where there is not one on the South leg		
102	Concord Avenue	Install missing missing pedestrian signals on all legs	DeIDOT TAP	To be implemented as part of Concord/Market Improvements, T202120003, Construction expected FY25
103		Consider installation of marked midblock crosswalk between 22nd Street		
104		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL, NBR, EBL, WBR, SBL, and SBR	DeIDOT TAP	To be implemented as part of Concord/Market Improvements, T202120003, Construction expected FY25
105		Consider curb ramp construction to allow additional crosswalks where there is not one on the South leg	DeIDOT TAP	To be implemented as part of Concord/Market Improvements, T202120003, Construction expected FY25
106		Consider bumpouts to reduce crosswalk lengths on the NE and NW corners	DeIDOT TAP	To be implemented as part of Concord/Market Improvements, T202120003, Construction expected FY25. Project will include bumpout on NW corner, but infeasible on NE corner due to intersection skew
107	22nd Street	Evaluate intersection control options to provide controlled pedestrian crossings at the following locations		
108		Consider installation of marked midblock crosswalk between 23rd Street		
109		Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		
110		Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		
111	Gordon Street	Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		
112		Install missing missing pedestrian signals on East and West legs		
113	23rd Street	Upgrade existing ped heads to countdowns		
114		Consider lighting improvements at crosswalk on West leg		
115		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR, EBR, and SBL		
116		Consider curb ramp construction to allow additional crosswalks where there is not one on the North leg		
117		Consider bumpouts to reduce crosswalk lengths on all legs		
118	24th Street	Install missing missing pedestrian signals on East and West legs		
119		Upgrade existing ped heads to countdowns		
120		Rotate ped signals to align with crosswalk on North and South legs		
121		Consider lighting improvements at crosswalk on West leg		
122		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
123		Consider bumpouts to reduce crosswalk lengths on all legs		
124	25th Street	Install stop lines on N. Market Street		
125		Install crosswalk on North leg at N. Market Street		
126		Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		
127	26th Street	Install missing missing pedestrian signals on East and West legs		
128		Upgrade existing ped heads to countdowns		
129		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
130		Consider bumpouts to reduce crosswalk lengths on all legs		
131				

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#	Location	Recommendation	Responsibility	Status
132	27th Street	Install missing missing pedestrian signals on South, East, and West legs		
133		Upgrade existing ped heads to countdowns		
134		Rotate ped signals to align with crosswalk on North leg		
135		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
136		Consider bumpouts to reduce crosswalk lengths on all legs		
137	28th Street	Install missing missing pedestrian signals on South, East, and West legs		
138		Upgrade existing ped heads to countdowns		
139		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
140		Consider bumpouts to reduce crosswalk lengths on all legs		
141	29th Street	Install crosswalks to the North and South legs on N. Market Street		
142		Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		
143	30th Street	Upgrade existing ped heads to countdowns		
144		Evaluate intersection control options to provide controlled pedestrian crossings at the following locations		
145		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for WBL and SBR		
146		Consider bumpouts to reduce crosswalk lengths on all legs		
147	31st Street	Install pedestrian crossing warning signage (W11-2) on all legs at unsignalized intersections		

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#	Location	Recommendation	Responsibility	Status
<b>South Market Street: Walnut Street to 16th Street</b>				
148	A Street	Consider lighting improvements on East leg and 0.2 miles North of New Sweden Street		
149		Install pedestrian crossing warning signage at unsignalized intersection on North and East leg		
150	Howard Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBL		
151		Refresh faded crosswalk on East leg		
152		Fix pedestrian signal on NW corner not displaying walk symbol		
153	Rosa Parks Drive	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBR, SBL, and WBL		
154		Refresh faded crosswalks		
155		Upgrade existing ped heads to countdowns		
156	MLK Jr. Blvd	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for WBR		
157		Consider leading pedestrian interval (LPI) on South leg		
158	2nd Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
159		Upgrade existing ped heads to countdowns		
160	3rd Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
161		Install ALL WAY (R1-3P) plaques beneath STOP signs at unsignalized intersections		
162	4th Street	Consider leading pedestrian interval (LPI) on East leg SBL	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
163		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
164		Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
165		Consider bumpouts to reduce crosswalk lengths on West leg, SW corner	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
166	5th Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
167		Replace 4-WAY plaques on STOP assemblies with ALL WAY (R1-3P) plaques		
168	6th Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
169		Install ALL WAY (R1-3P) plaques beneath STOP signs at unsignalized intersections		
170	7th Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
171		Replace 3-WAY plaques on STOP assemblies with ALL WAY (R1-3P) plaques		
172	8th Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
173		Install ALL WAY (R1-3P) plaques beneath STOP signs at unsignalized intersections		
174		Refresh faded crosswalk on West leg		
175	9th Street	Install pedestrian crossing warning signage at unsignalized intersection on all legs		
176		Install ALL WAY (R1-3P) plaques beneath STOP signs at unsignalized intersections		
177	10th Street	Repair decorative brick crosswalk on West leg		
178		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
179		Refresh faded crosswalk on South leg		
180		Consider bumpouts to reduce crosswalk lengths on all legs		
181	11th Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
182		Upgrade existing ped heads to countdowns		
183		Consider lighting improvements on East leg		
184		Consider bumpouts to reduce crosswalk lengths on East and West legs, NE and SW corners		
185	12th Street	Install missing pedestrian signal on SE corner		
186		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL, WBR, and SBR		
187		Upgrade existing ped heads to countdowns		
188		Consider lighting improvements on East leg, streetlamp out on SE corner		
189		Consider bumpouts to reduce crosswalk lengths on all legs		

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#	Location	Recommendation	Responsibility	Status
190	13th Street	Repair broken pedestrian signal on SW corner		
191		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
192		Upgrade existing ped heads to countdowns		
193		Refresh faded crosswalk on East leg		
194		Consider lighting improvements on East leg		
195		Consider bumpouts to reduce crosswalk lengths on all legs		
196	14th Street	Adjust controller settings to "Rest in Walk" for the pedestrian signal on the NE corner		
197		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR, WBL, and SBL		
198		Upgrade existing ped heads to countdowns		
199		Consider bumpouts to reduce crosswalk lengths on all legs, NE and SE corners		
200		Consider lighting improvements midblock between 15th Street		

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#	Location	Recommendation	Responsibility	Status
King Street: Front Street to 16th Street				
201	Front Street	Refresh faded crosswalk on South leg		
202		Upgrade existing ped heads to countdowns		
203		Upgrade existing ped head to ensure countdown is not frozen		
204		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR, EBR, and SBL		
205	2nd Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for WBL		
206		Consider bumpouts to reduce crosswalk lengths on NW and SW corners		
207	4th Street	Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
208		Consider lighting improvements at deficient intersections, West leg	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
209		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements	City of Wilmington	To be installed by City to address concerns raised by JP Morgan (per May 2023 coordination meeting)
210		Consider bumpouts to reduce crosswalk lengths on NW and SW corners	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
211		Consider leading pedestrian interval (LPI)		
212		Modify WB lane configuration from shared through-left and through lane to a dedicated left-turn lane and single through lane <i>Recommendation from May 2023 JP Morgan Safety Concern Coordination</i>	City of Wilmington	To be implemented by City to address concerns raised by JP Morgan (per May 2023 coordination meeting)
213		Implement a lagging WB left-turn operation and LPI for 4th St./King St. pedestrian crossings. Concurrent with the implementation of these recommendations, deploy a temporary message board and "New Traffic Pattern Ahead" (W23-2) signs to advise motorists of change in lane assignments and signal phasing <i>Recommendation from May 2023 JP Morgan Safety Concern Coordination</i>	City of Wilmington	To be implemented by City to address concerns raised by JP Morgan (per May 2023 coordination meeting)
214		Reconstruct existing signal to include new mast arm poles, signal displays, accessible ped signals, and controller cabinet. <i>Recommended as part of T202001103</i>	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
215		Implement a leading WB left-turn with lagging flashing red arrow operation <i>Recommended as part of T202001103</i>	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
216		Install traffic signal pole mounted CCTV traffic monitoring camera <i>Recommended as part of T202001103</i>	DeIDOT	Included as part of T202001103, 4th Street, Walnut Street to Adams Street, Construction 2026
217	5th Street	Refresh faded crosswalk on North leg		
218		Upgrade existing ped heads to countdowns		
219		Consider lighting improvements at deficient intersections, West leg		
220		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBR and EBR		
221		Consider bumpouts to reduce crosswalk lengths on NW and SW corners		
222	6th Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBR and EBR		
223		Consider bumpouts to reduce crosswalk lengths on NW and SW corners		
224	7th Street	Install missing pedestrian signals on NE and SE corners		
225		Upgrade existing ped heads to countdowns		
226		Consider bumpouts to reduce crosswalk lengths on NW, NE, and SW corners		
227	8th Street	Refresh faded crosswalks on all legs		
228		Upgrade existing ped heads to countdowns		
229		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBR		
230		Consider bumpouts to reduce crosswalk lengths on all legs		
231		Consider leading pedestrian interval (LPI)		
232	9th Street	Refresh faded crosswalks on all legs		
233		Upgrade existing ped heads to countdowns		
234		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBL and EBR		
235		Consider bumpouts to reduce crosswalk lengths on all legs		

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#	Location	Recommendation	Responsibility	Status
236	10th Street	Refresh faded crosswalk on North and South legs		
237		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBL and WBL		
238		Consider bumpouts to reduce crosswalk lengths on NE, SW, and SE corners		
239	11th Street	Upgrade existing ped heads to countdowns		
240		Upgrade existing ped heads to include countdown displays		
241		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
242		Consider bumpouts to reduce crosswalk lengths on all legs		
243	12th Street	Refresh faded crosswalk on North and South legs		
244		Upgrade existing ped heads to countdowns		
245		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
246		Consider bumpouts to reduce crosswalk lengths on all legs		
247	13th Street	Install missing pedestrian signals on NE and SE corners		
248		Consider lighting improvements at deficient intersections, East leg		
249		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
250		Consider bumpouts to reduce crosswalk lengths on all legs		
251	14th Street	Refresh faded crosswalks on all legs		
252		Install missing pedestrian signals on SE corner		
253		Consider lighting improvements at deficient intersections, East leg		
254		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
255		Consider bumpouts to reduce crosswalk lengths on all legs		
256	15th Street	Refresh faded crosswalk on North, South, and West legs		
257		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for all turning movements		
258		Consider bumpouts to reduce crosswalk lengths on SE and SW corners		
259	16th Street	Refresh faded crosswalk on North and West legs		
260		Consider lighting improvements at deficient intersections, East leg		
261		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for SBR		

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#	Location	Recommendation	Responsibility	Status
Walnut Street: Front Street to 16th Street				
262	Front Street	Install missing pedestrian signals on East leg		
263		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR		
264	2nd Street	Consider LPI or Exclusive ped phase on West leg with NBL		
265		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and WBR		
266	4th Street	Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2025
267		Adjust signal phasing to allow pedestrians crossing the South leg to run concurrent with the EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2025
268		Consider LPI or Exclusive ped phase on West leg with NBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2026
269		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR, WBR, and EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2027
270	5th Street	Remove existing crosswalk, install NO PED signs with USE CROSSWALK plaques directing peds to the 6th St signalized crossing	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2028
271		Consider adding crosswalks at unsignalized intersections with appropriate warning devices (w/ Walnut Street Road Diet)	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2029
272	6th Street	Add a stop line on South leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2030
273	7th Street	Consider adding crosswalks at unsignalized intersections with appropriate warning devices (w/ Walnut Street Road Diet)	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2031
274	8th Street	Refresh faded crosswalks on North leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2032
275		Install missing crosswalks on East and West legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2033
276		Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2034
277		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and WBR	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2035
278		Consider bumpouts to reduce crosswalk lengths on NE and SE corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2036
279		Consider lighting improvements on East leg to 13th Street	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2037
280	9th Street	Install missing crosswalks on East and West legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2038
281		Repair the leaning signal pole on SE corner	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2039
282		Consider LPI or Exclusive ped phase on North leg with EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2040
283		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2041
284		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2042
285		Consider lighting improvements on East and West legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2043
286	10th Street	Install missing crosswalks on North and South legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2044
287		Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2045
288		Repair sidewalk domes and curb on SW and SE corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2046
289		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2047
290		Consider bumpouts to reduce crosswalk lengths on NE corner	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2048
291		Consider lighting improvements on East and West legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2049
292	11th Street	Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2050
293		Repair broken pedestrian signal on NW and NE corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2051
294		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2052
295		Consider bumpouts to reduce crosswalk lengths on NE and SE corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2053

**City of Wilmington Pedestrian Safety Study: Improvement Matrix**

#	Location	Recommendation	Responsibility	Status
296	12th Street	Refresh faded crosswalks on North and East legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2054
297		Install missing crosswalks on South leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2055
298		Upgrade existing ped heads to countdowns	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2056
299		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL and WBR	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2057
300		Consider bumpouts to reduce crosswalk lengths on NE and SE corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2058
301		Consider lighting improvements on East leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2059
302	13th Street	Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBR and EBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2060
303		Consider lighting improvements on West leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2061
304	14th Street	Install missing pedestrian signals on East, West, and South legs	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2062
305		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for NBL	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2063
306		Consider bumpouts to reduce crosswalk lengths on all corners	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2064
307	15th Street	Consider adding crosswalks at unsignalized intersections with appropriate warning devices (w/ Walnut Street Road Diet)	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2065
308	16th Street	Install missing crosswalks on South leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2066
309		Install missing pedestrian signals on South leg	DeIDOT	Included as part of T200401101, Walnut Street, 3rd Street to 16th Street, Construction 2067

**City of Wilmington Pedestrian Safety Study: Improvement Matrix**

#	Location	Recommendation	Responsibility	Status
Kirkwood Street: 7th Street to 11th Street				
310	7th Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
311		Install crosswalk striping at intersections with existing truncated domes, North leg		
312		Install missing KIRKWOOD STREET blade signs		
313		Consider lighting improvements on East and West legs		
314	8th Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
315		Install crosswalk striping at intersections with existing truncated domes, all legs		
316	Taylor Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
317		Install crosswalk striping at intersections with existing truncated domes, all legs		
318		Consider lighting improvements on East leg		
319	9th Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
320		Install crosswalk striping at intersections with existing truncated domes, all legs		
321		Consider lighting improvements on North, West, and South legs		
322	10th Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
323		Install crosswalk striping at intersections with existing truncated domes, North leg		
324		Install missing KIRKWOOD STREET blade signs		
325		Install missing 10TH STREET blade signs		
326		Consider lighting improvements on East leg		
327	11th Street	Install pedestrian crossing warning signage along all non-stop controlled approaches, East and West legs		
328		Install crosswalk striping at intersections with existing truncated domes, South leg		
329		Consider installing a crosswalk on East and/or West leg(s)		

**City of Wilmington Pedestrian Safety Study: Improvement Matrix**

#	Location	Recommendation	Responsibility	Status
<b>Top 10 Intersections</b>				
330	10th Street at Orange Street	Upgrade three existing pedestrian heads with no countdowns to include countdowns		
331		Install crosswalk striping on East leg		
332		Install TURNING VEHICLES YIELD TO PEDS signs (R10-15) for NBL		
333		Consider Leading Pedestrian Interval (LPI) for West leg crosswalk		
334	11th Street at Washington Street	Replace damaged sign structure on SW corner		
335		Install TURNING VEHICLES YIELD TO PED signs (R10-15) for NBR, SBL, and WBL		
336		Consider Leading Pedestrian Interval (LPI) for North leg crosswalk		
337	Lancaster Avenue at Jackson Street	Upgrade existing ped heads to countdowns		
338		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for EBR		
339		2018 HEP Recommendations	DeIDOT Traffic	To be implemented as part of 2018 HEP Traffic Control Device Improvements
340	4th Street at Rodney Street	See 4th Street presentation		
341	4th Street at Monroe Street	See 4th Street presentation		
342	8th Street at King Street	See King Street presentation		
343	Maryland Avenue / MLK Boulevard at Lancaster Avenue / Madison Street	Consider lighting improvements on North leg		
344		Install TURNING VEHICLE YIELD TO PED signs (R10-15) for WBR		
345		2018 HEP Recommendations	DeIDOT Traffic	To be implemented as part of 2018 HEP Traffic Control Device Improvements